## 1,2-Dichlorobenzene
95-50-1 | DTXSID6020430

## Model Performance

| Model | Data |
|-------|------|

### Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|-----------------|------|----------------|------|------------|------|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.85 | 1.14 | 0.85 | 1.12 | 0.83 | 1.23 |

## Model Results

**Predicted value:** 2.90e-11 cm3/molecule*sec

**Global applicability domain:** Inside

**Local applicability domain index:** 2.72e-01

**Confidence level:** 6.62e-01

## Nearest Neighbors from the Training Set

Image not found
(2E)-3-Phenylprop-2-enal
**Measured:** 4.80e-11
**Predicted:** 5.31e-11

Image not found
(E)-Crotonaldehyde
**Measured:** 3.61e-11
**Predicted:** 3.73e-11

Image not found
Crotonaldehyde
**Measured:** 3.61e-11
**Predicted:** 3.73e-11

Image not found
1,4-Naphthoquinone
**Measured:** 3.10e-12
**Predicted:** 3.16e-11

Image not found
1,3,5-Cycloheptatriene
**Measured:** 9.69e-11
**Predicted:** 1.00e-10

Image not found
(2E)-2-Hexenal
**Measured:** 4.40e-11
**Predicted:** 4.31e-11